

NAVIGATION IN A VOICE RECOGNITION SYSTEM

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ABSTRACT

Systems and corresponding methods are provided for navigating a data structure comprising a plurality of nodes. Each node in the data structure is associated with content from a content source and at least a keyword defining the content. The system receives a voice query to access content in one of the plurality of nodes. The system then recognizes one or more search keywords in the voice query based on a navigation grammar defined by a first active navigation scope associated with a first set of nodes in the data structure. The system then searches the first set of nodes to find a node with one or more keywords that best match the search keywords. The node that best matches the search keywords is then visited. The system provides content of the visited node.